



AUGUST 19, 2019

EAST HILLCREST AVENUE CONCEPT STUDY REVIEW

CITY OF INDIANOLA, IOWA

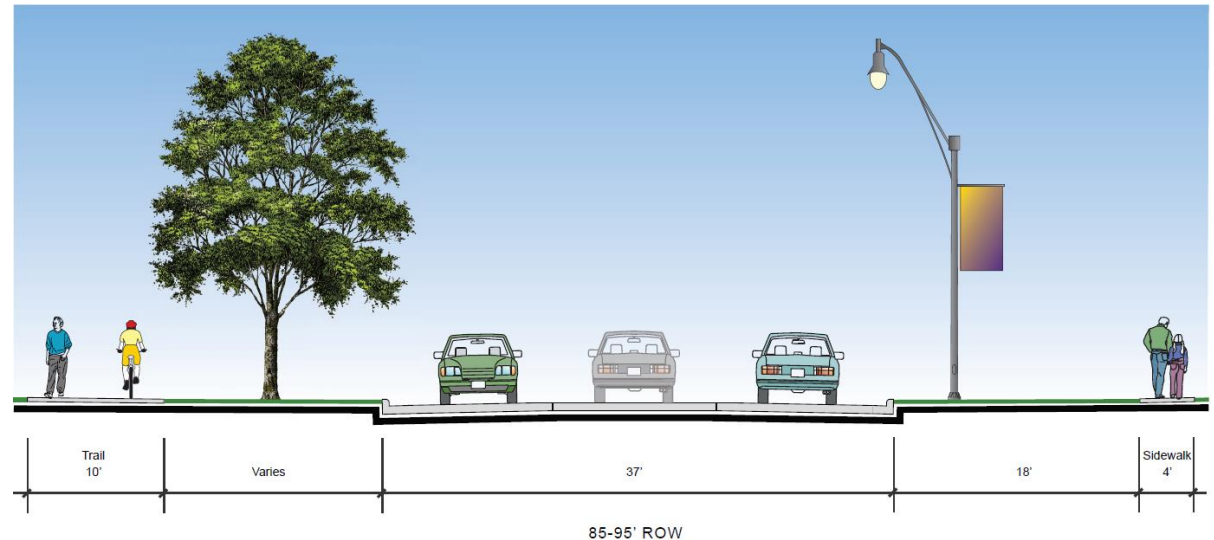
Project Purpose and need

- Thoughtful response to current & prospective developer questions.
- Deteriorating pavement condition
- Vital piece of transportation network CIRTPA TIP
- Increasing traffic demand

Concept Study Results

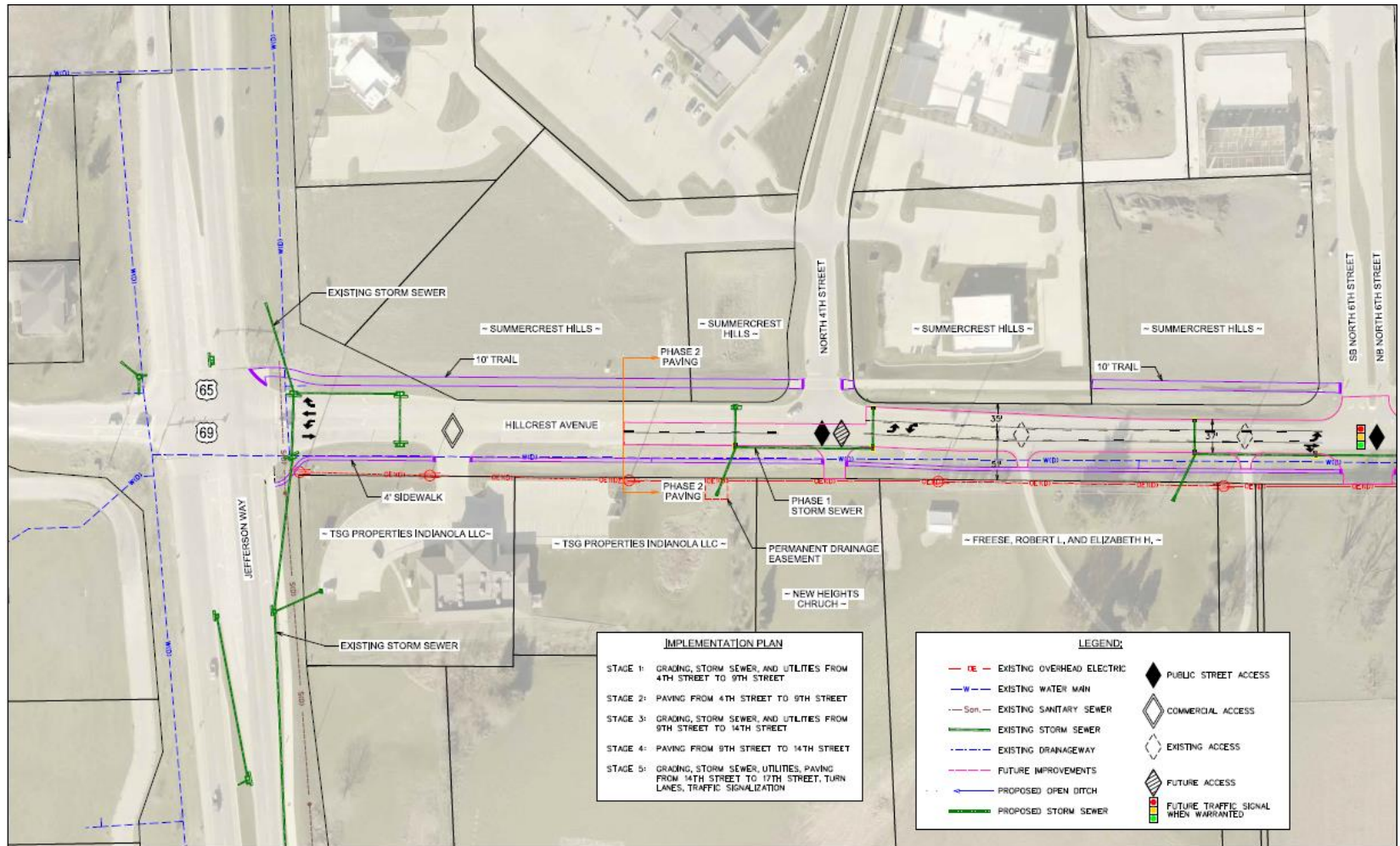
- Roadway type and typical cross-section
- Cost opinion
- Implementation plan

Roadway Type and Typical Section

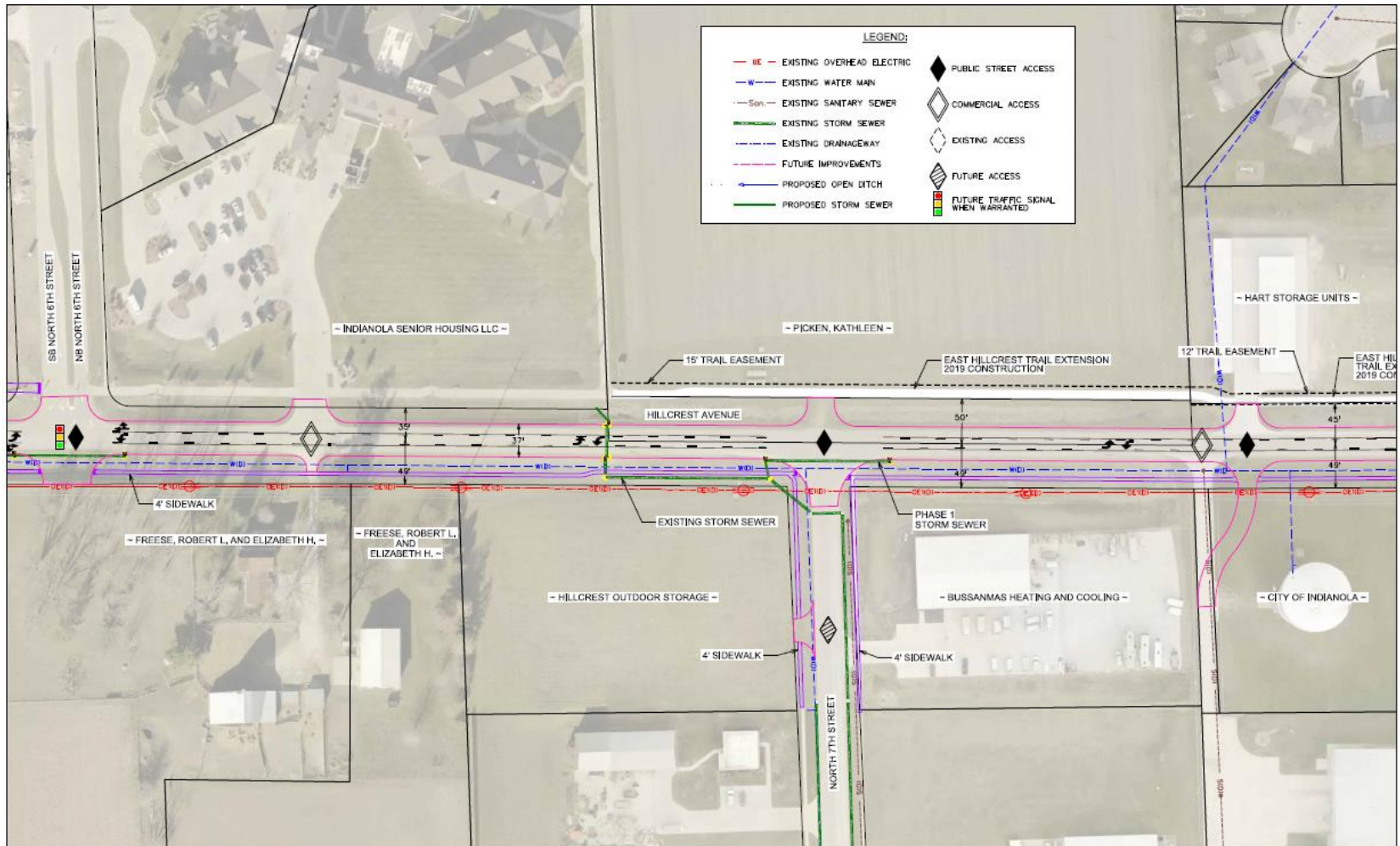


- Collector roadway (2040 Traffic forecast =15,200 – 9,500vpd)
- 37' wide three lane street west of 14th Street
- 31' wide two lane street with access control east of 14th Street
- Future auxiliary lanes at major intersections, only when warranted
- Multi-use trail on north side. Sidewalk on south
- Utility extensions east of 14th Street.
- Street lights along corridor
- Existing 85'-95' right of way

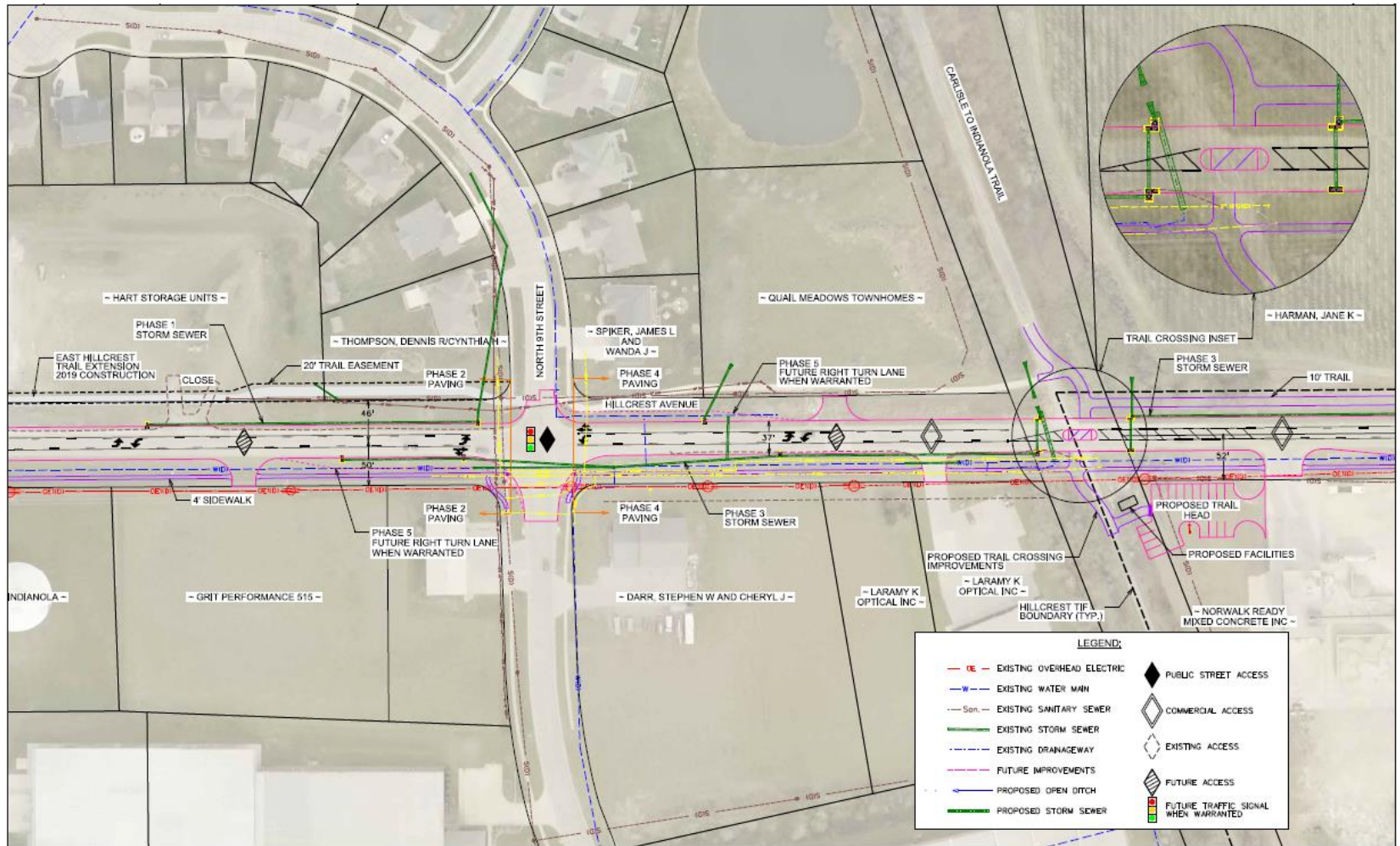
Concept Plan



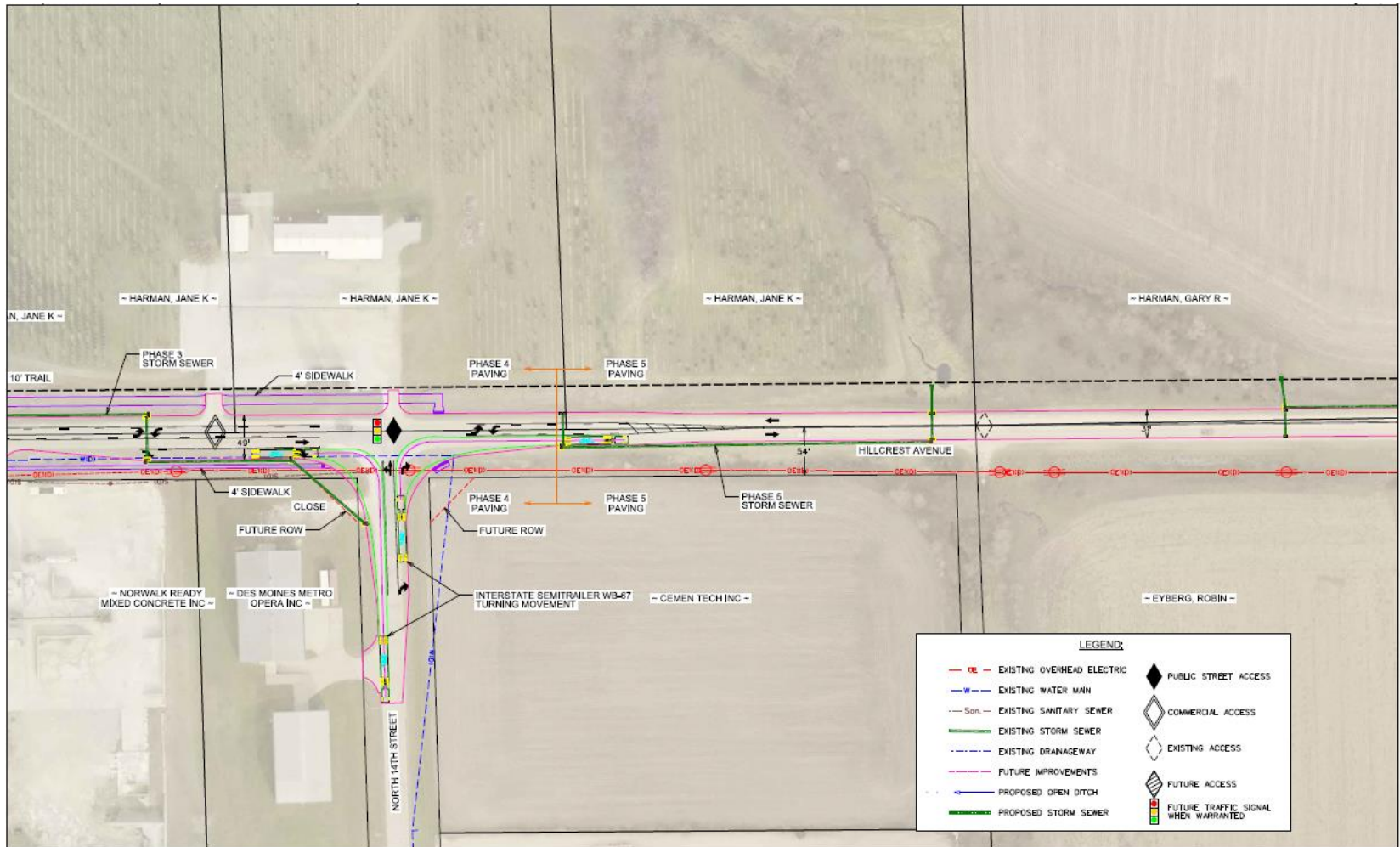
Concept Plan



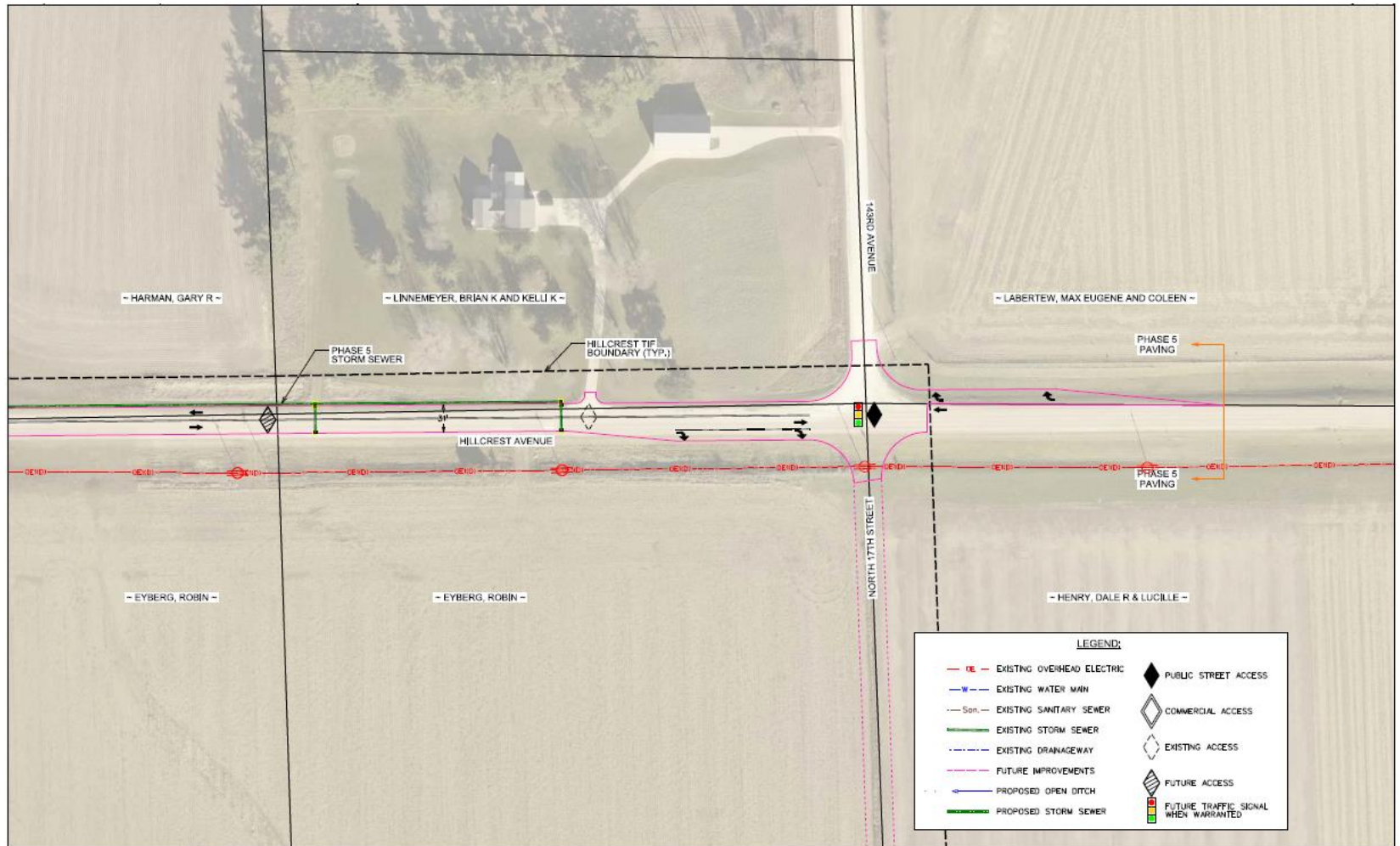
Concept Plan



Concept Plan



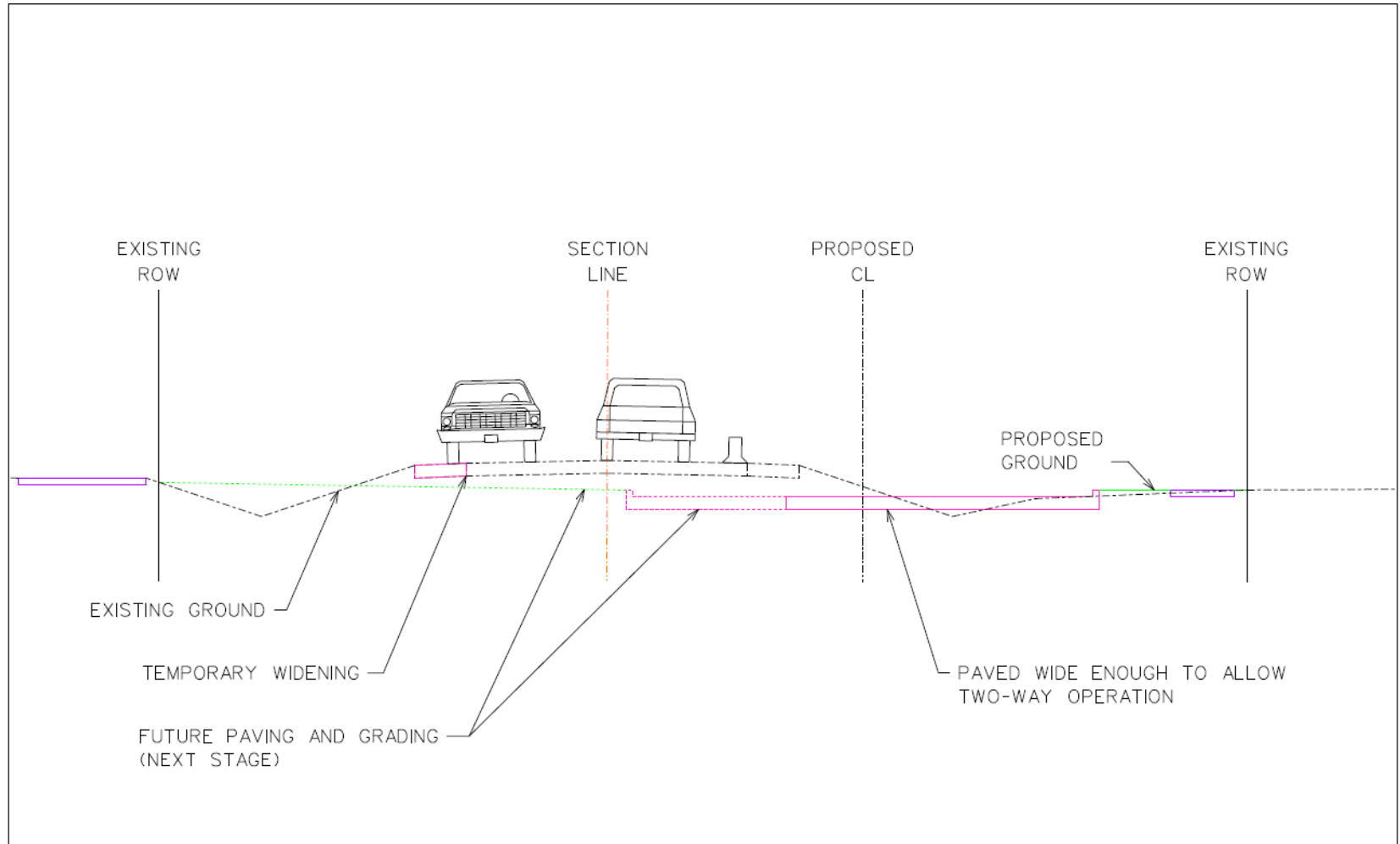
Concept Plan



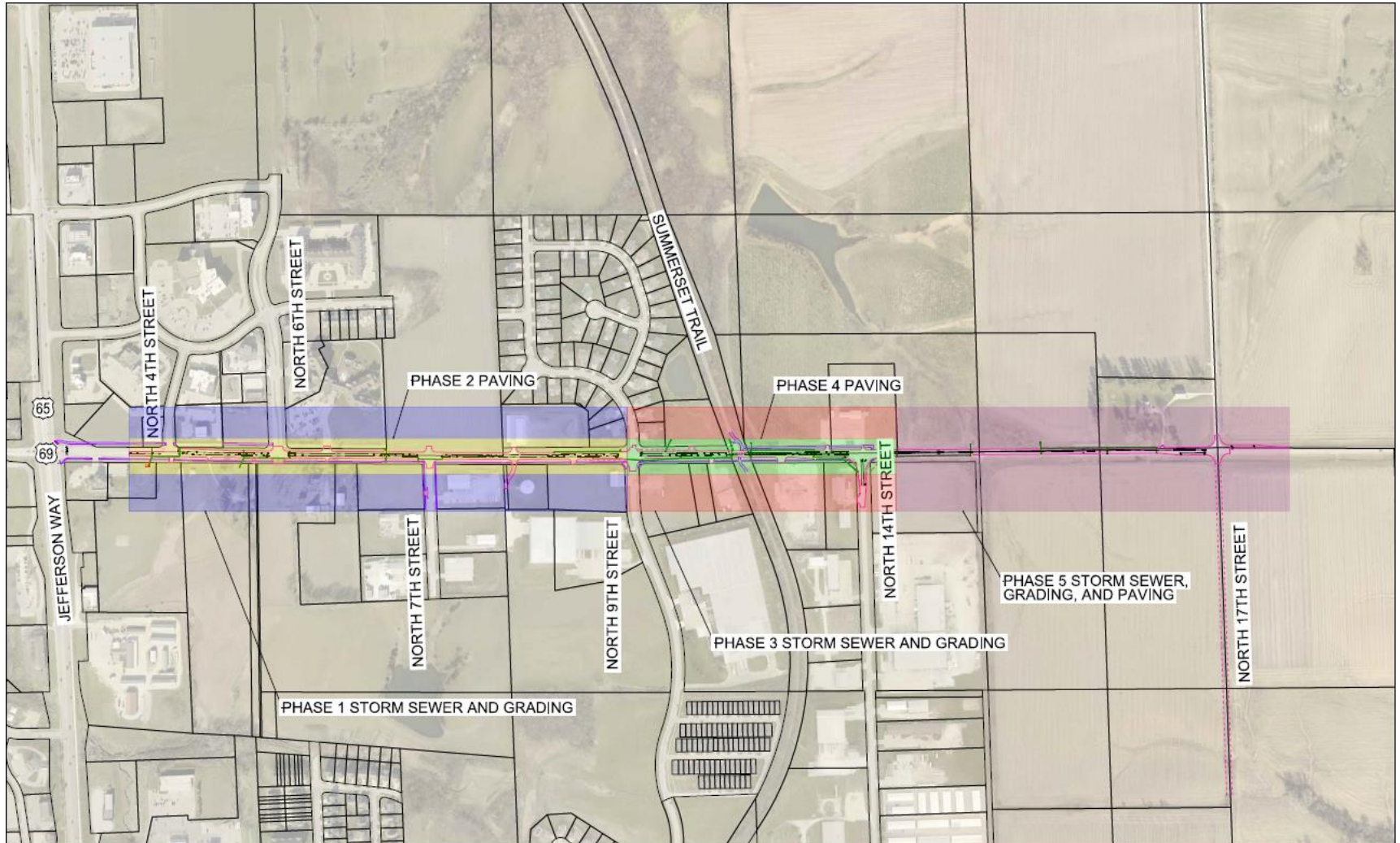
Project Improvement Priority

- Vital piece of transportation network
- Deteriorating pavement condition
- Current and future development
- Traffic demand

Staged Construction



Implementation Plan



Implementation Plan

Project Stages & Construction Cost		
Stage 1	Prep 4 th Street – 9 th Street	\$750,000.00
Stage 2	Pave 4 th Street – 9 th Street	\$1,873,000.00
Stage 3	Prep 9 th Street – 14 th Street	\$556,500.00
Stage 4	Pave 9 th Street – 14 th Street	\$1,235,000.00
Stage 5	Prep and Pave 14 th Street – 17 th Street, Turn Lanes, Traffic Signalization	\$3,750,000.00
Total		\$8,164,500.00

Project Funding Source

- Potential funding and phasing
 - STBG (CIRTPA)
 - TAP and Recreation Trails Program
 - TSIP/TSF
 - RISE
 - CIP funds
 - TIF District (east of trail crossing)

Council Concurrence and Direction

- Concurrence for roadway type and typical section?
- Prioritization of project
- Project phase priorities?
- Next steps?